

Datasheet: 02037583
Project: W862628
Location:
Unit:

Position: 758301
Side: 1 by 10
Date: 13.04.2026
Tender Position:



Clerk:	S.Runkel	Quantity:	1 Piece
Construction:	HYD S Inside installation		
Base Frame:	inside galvanized 250 mm, 410,73 kg		
Base Frame top unit:	inside galvanized 120 mm, 186,80 kg		
Total Weight:	4272 kg		
Thermal Decoupling:	T2/TB4		
CAL (R)@-400 Pa:	0,327 dm ³ /(sm ²)		
CAL (R)@+400 Pa:	0,403 dm ³ /(sm ²)		

Classification according to ATEX Directive 2014/34/EU:

Inside: Ex II 3D T3 Zone 22

Outside: zonefree

Datasheet: 02037583
Project: W862628
Location:
Unit:

Position: 758301
Side: 2 by 10
Date: 13.04.2026
Tender Position:



Technical Data Supply Air

Outside Metal Sheet:	mm	1,0 galvanized and painted, RAL RAL 9001	Unit Size:	Special
Inside Metal Sheet:	mm	1,0 V2A (AISI304)	Position of Access Side:	Left
Inside Floor Metal Sheet:	mm	53,0 V2A (AISI304)	Position of Piping Side:	Left
Wall Thickness:	mm	53,0 V2A (AISI304)	Insulation Roof/Floor:	Mineral Wool 99kg/m ³
Dimensions (L x W x H):	mm	6961x1719x1414	Insulation Walls:	Mineral Wool 99kg/m ³
Air velocity:	m/sec	1,91	Class of Velocity:	V3
Weight:	kg	2737	Design:	Standard

(SUP) Air Inlet Section GSP/SS/SS Weight: 264 kg Length: 890 mm Pressure Drop: 31 Pa

Connection:

Layer: Front Side
Material: galvanized
Design: Flexible connection
Potential Equalisation: Yes
Dimensions (W x H): 1530 x 600

Damper Size:

Assembly: Inside
Material: V2A (AISI304)
Design: With external linkage and brass bearings, in accordance with ATEX Class 2
Tightness: Class 2
Shaft Position: Outside
Actuator: Manual adjustment
Dimensions (W x H x D): 1362 x 609 x 175

Connection:

Layer: Roof
Material: galvanized
Design: Without
Potential Equalisation: No
Dimensions (W x H): 1365 x 509

Grating: Without

Design: Access Door
Lockers: Lockers
Hinges: 3D-Hinges

Condensate Trough: RAL/V2A (AISI304)
Condensate Drain: Yes

Accessories

Item Number	Description	Weight
	ATEX-compliant flap	
	1/2" measuring nipple with plug	
	ATEX-compliant flexible connector	
	SN siphon	

Datasheet: 02037583
 Project: W862628
 Location:
 Unit:

Position: 758301
 Side: 3 by 10
 Date: 13.04.2026
 Tender Position:



(SUP) Filter		GSP/SS/SS	Weight: 150 kg	Length: 714 mm	Pressure Drop: 119 Pa
Brand:	ROX		Filter Maintenance:	Dust Air Side	
Spare Filter:	No		Frame:	V2A (AISI304)	
			Manometer:	Wika A2G Mini	
1st Filter step					
Filter Type:	Taschenfilter L		Energy Efficiency Class:	C	
Filter Class EN779:2012:	M5		Filter Surface:	m ²	22,6
Filter Class ISO16890:	ePM10 60%		Medium:	Glass Fibre Hi-Flo	
ΔP Initial:	Pa 38				
ΔP End:	Pa 200				
Max. Pressure Drop:	Pa 250				
ΔP Dim:	Pa 119				
Type/Size/Quantity	HFGS-M5-592x592x600-06-ATEX	592*592*600 mm		4 Piece	
	HFGS-M5-287x592x600-03-ATEX	287*592*600 mm		2 Piece	
Design:	Access Door		Condensate Trough:	RAL/V2A (AISI304)	
Lockers:	Lockers		Condensate Drain:	Yes	
Hinges:	3D-Hinges				
Accessories					
Item Number	Description				Weight
	ATEX-compliant filter				
	SN siphon				

(SUP) Cooler		GSP/SS/SS	Weight: 393 kg	Length: 460 mm	Pressure Drop: 130 Pa
Brand:	ROX		Type:	CW-ZL.S-2.5-1360-1155-8R-42-Cu0,35-AI0,2-AISI304-1-Cu 4"-E1-9-R-0	
Pipes:	copper		Heat Transfer Medium:	Water Glykol	
Fin:	aluminium		Weight Heat Exchanger:	276,50	
Collector:	Copper		Medium		
Frame:	AISI304		Flow-Rate:	m ³ /h	43,00
Separation (A x B)	mm		Temp. In:	°C	-2,00
Quantity Pipe Rows:	8		Temp. Out:	°C	4,00
Fin Distance:	mm 2,50		Charge:	l	69,40
Connections:	Gerade		Flow-Rate:	kg/h	
Connection Inlet:	1xCu DN100 4"		Pressure Drop:	kPa	99,35
Connection Outlet:	1xCu DN100 4"				
Finned height:	mm 1155		Air		
Finned width:	mm 1360		Air Volume:	m ³ /h	14400
Freeze protection:	°C 0,00		Temp. In:	°C	35,00
			Rel. Humidity In:	%	60,00
			Temp. Out:	°C	11,00
			Rel. Humidity out:	%	100,00
			Pressure Drop:	Pa	130
			Capacity:	kW	278,00
Design:	Fixed Panel		Condensate Trough:	RAL/V2A (AISI304)	
Accessories					
Item Number	Description				Weight
	Bolted flanges and mating flanges as weld-on flanges, PN16				4
Hints:	This component is not included in the software Eurovent certified				



Datasheet: 02037583
 Project: W862628
 Location:
 Unit:

Position: 758301
 Side: 5 by 10
 Date: 13.04.2026
 Tender Position:



Plate Heat Exchanger **GSP/SS/SS** **Weight: 510 kg** **Length: 1932 mm** **Pressure Drop: 181 Pa**

Brand: ROX **Type:** H21200/4.0/E
Bypass: Without **Bypass width:** mm -
Actuator: Without **Depth:** mm 1593
AquaSeal: No **AquaSeal tightness test:** No

Technical Data **Supply Air** **Extract Air**

		Winter	
Operation Point:			
Air Volume:	m ³ /h	14400	14400
Temp. In:	°C	-12,00	55,00
Rel. Humidity In:	%	90,00	30,00
Temp. Out:	°C	42,11	25,80
Rel. Humidity out:	%	2,66	99,91
Heat Recovery wet:	%	80,75	43,59
Heat Recovery dry:	%	67,41	67,41
Humidification / Dehumidification:	g/kg	0,00	-9,35
Pressure Drop wet:	Pa	174	182
Pressure drop standard density:	Pa	181	175
Air Velocity m/s:	m/s	1,86	2,33
Condensate:	kg/h	159,46	
Total Capacity:	kW	258,24	
Sensible Capacity:	kW	0,00	
Latent Capacity:	kW	258,24	

Design: Access Door **Condensate Trough:** RAL/V2A (AISI304)
Lockers: Lockers **Condensate Drain:** Yes
Hinges: 3D-Hinges

Accessories

Item Number	Description	Weight
	4 x 1/2" test nipples with plugs	
	Stem valve	
	DS siphon	



Datasheet: 02037583
 Project: W862628
 Location:
 Unit:

Position: 758301
 Side: 6 by 10
 Date: 13.04.2026
 Tender Position:



(SUP) Heater	GSP/SS/SS	Weight: 295 kg	Length: 325 mm	Pressure Drop: 48 Pa
Brand:	ROX	Type:	D/52/1065/1R/1W/2,0 St vz,36/St vz	
Pipes:	Galvanized steel	Heat Transfer Medium:	steam	
Fin:	Galvanized steel	Weight Heat Exchanger:	kg	224,00
Collector:	Galvanized steel	<u>Medium</u>		
Frame:	Galvanized steel	Flow-Rate:	m³/h	430,32
Separation (A x B)	mm	Temp. In:	°C	164,89
Quantity Pipe Rows:	1	Temp. Out:	°C	0,00
Fin distance:	mm 2,00	Charge:	l	42,10
Connections:	straight	Druckverlust:	kPa	7,00
Connection Inlet:	DN40			
Connection Outlet:	DN32			
Finned height:	mm 1065	<u>Luft</u>		
Finned width:	mm 1530	Air Volume:	m³/h	14400
Freeze protection:	°C 0,00	Temp. In:	°C	35,00
Surface Reserve:	% 19,61	Temp. Out:	°C	86,00
		Pressure Drop:	Pa	48
		Capacity:	kW	247,20
Design:	Fixed Panel			

Accessories

Item Number	Description	Weight
	Welded flange PN 16; mating flange as PN 16 weld-on flange	
	High-temperature door gaskets	
	1/2" gauge nipples with plugs	
Hints:	This component is not included in the software Eurovent certified	

(SUP) Heater	GSP/SS/SS	Weight: 287 kg	Length: 325 mm	Pressure Drop: 48 Pa
Brand:	ROX	Type:	D52/1065/2R/1W/2,5 ST vz,36/St vz	
Pipes:	Stahl-Verzinkt	Heat Transfer Medium:	Dampf	
Fin:	stahl-verzinkt	Weight Heat Exchanger:	kg	224,00
Collector:	Stahl-Verzinkt	<u>Medium</u>		
Frame:	Stahl-Verzinkt	Flow-Rate:	m³/h	371,25
Separation (A x B)	mm	Temp. In:	°C	164,89
Quantity Pipe Rows:	2	Temp. Out:	°C	0,00
Fin distance:	mm 2,50	Charge:	l	22,50
Connections:	Gerade	Flow-Rate:	kg/h	
Connection Inlet:	DN40	Druckverlust:	kPa	7,00
Connection Outlet:	DN32			
Finned height:	mm 1065	<u>Luft</u>		
Finned width:	mm 1530	Air Volume:	m³/h	14400
Freeze protection:	°C 0,00	Temp. In:	°C	86,00
Surface Reserve:	% 13,37	Temp. Out:	°C	130,00
		Pressure Drop:	Pa	48
		Capacity:	kW	213,27
Design:	Fixed Panel			

Accessories

Item Number	Description	Weight
	Welded flange PN 16; mating flange as PN 16 weld-on flange	
	High-temperature door gaskets	
	1/2" gauge nipples with plugs	
Hints:	This component is not included in the software Eurovent certified	



Datasheet: 02037583
Project: W862628
Location:
Unit:

Position: 758301
Side: 7 by 10
Date: 13.04.2026
Tender Position:



(SUP) Air Outlet Section GSP/SS/SS Weight: 161 kg Length: 590 mm Pressure Drop: 19 Pa

Connection:

Layer: Roof
Material: galvanized
Design: Flexible connection
Potential Equalisation: Yes
Dimensions (W x H): 1530 x 600

Grating: Without

Design: Access Door
Lockers: Lockers
Hinges: 3D-Hinges

Accessories

Item Number	Description	Weight
	1 1/2" measuring nipple with plug	
	Heat-resistant flexible connector	



Datasheet: 02037583
Project: W862628
Location:
Unit:

Position: 758301
Side: 8 by 10
Date: 13.04.2026
Tender Position:



Technical Data Extract Air

Outside Metal Sheet:	mm	1,0 galvanized and painted, RAL RAL 9001	Unit Size:	Special
Inside Metal Sheet:	mm	1,0 V2A (AISI304)	Position of Access Side:	Right
Inside Floor Metal Sheet:	mm	53,0 V2A (AISI304)	Position of Piping Side:	Right
Wall Thickness:	mm	53,0 V2A (AISI304)	Insulation Roof/Floor:	Mineral Wool 99kg/m ³
Dimensions (L x W x H):	mm	4839x1719x1109	Insulation Walls:	Mineral Wool 99kg/m ³
Air velocity:	m/sec	2,50	Class of Velocity:	V5
Weight:	kg	793	Design:	Standard

(EXT) Air Inlet Section GSP/SS/SS Weight: 152 kg Length: 695 mm Pressure Drop: 3 Pa

Connection:

Layer	Front Side
Material:	galvanized
Design:	Flexible connection
Potential Equalisation:	Yes
Dimensions (W x H)	1530 x 600

Grating: Without

Design:	Access Door
Lockers:	Lockers
Hinges:	3D-Hinges

Accessories

Item Number	Description	Weight
	1 1/2" measuring nipple with plug	
	Flexible connector, ATEX version	

(EXT) Filter GSP/SS/SS Weight: 92 kg Length: 545 mm Pressure Drop: 127 Pa

Brand:	ROX	Filter Maintenance:	Dust Air Side
Spare Filter:	No	Frame:	V2A (AISI304)
		Manometer:	Wika A2G Mini

1st Filter step

Filter Type:	Taschenfilter L	Energy Efficiency Class:	C
Filter Class EN779:2012:	M5	Filter Surface:	m ² 15,9
Filter Class ISO16890:	ePM10 60%	Medium:	Glass Fibre Hi-Flu
ΔP Initial:	Pa 54		
ΔP End:	Pa 200		
Max. Pressure Drop:	Pa 250		
ΔP Dim:	Pa 127		

Type/Size/Quantity	HFGS-M5-592x592x600-06-Atex	592*592*600 mm	2 Piece
	HFGS-M5-592x287x600-06-Atex	592*287*600 mm	2 Piece
	HFGS-M5-287x592x600-03-Atex	287*592*600 mm	1 Piece

Design: Fixed Panel

Accessories

Item Number	Description	Weight
	Filter ATEX Ausführung	



Datasheet: 02037583
Project: W862628
Location:
Unit:

Position: 758301
Side: 9 by 10
Date: 13.04.2026
Tender Position:



(EXT) Empty section GSP/SS/SS Weight: 128 kg Length: 875 mm Pressure Drop: 0 Pa

Design: Fixed Panel

(EXT) Empty section GSP/SS/SS Weight: 107 kg Length: 765 mm Pressure Drop: 0 Pa

Design: Access Panel
Lockers: Lockers

(EXT) Empty section GSP/SS/SS Weight: 124 kg Length: 890 mm Pressure Drop: 0 Pa

Design: Access Door
Lockers: Lockers
Hinges: 3D-Hinges

Accessories

Item Number	Description	Weight
	1 silicone extrusion tool	



Datasheet: 02037583
Project: W862628
Location:
Unit:

Position: 758301
Side: 10 by 10
Date: 13.04.2026
Tender Position:



(EXT) Air Outlet Section GSP/SS/SS Weight: 190 kg Length: 684 mm Pressure Drop: 70 Pa

Connection:

Layer: Floor
Material: galvanized
Design: Without
Potential Equalisation: Yes

Damper Size:

Assembly: Inside
Material: V2A (AISI304)
Design: With external linkage and brass bearings, in accordance with ATEX Class 2
Tightness: Class 2
Shaft Position: Outside
Actuator: Manual adjustment
Dimensions (W x H x D): 1365 x 509 x 175

Dimensions (W x H) 1365 x 509

Connection:

Layer: Roof
Material: galvanized
Design: Flexible connection
Potential Equalisation: Yes

Damper Size:

Assembly: Inside
Material: V2A (AISI304)
Design: With external linkage and brass bearings, in accordance with ATEX Class 2
Tightness: Class 2
Shaft Position: Outside
Actuator: Manual adjustment
Dimensions (W x H x D): 1365 x 609 x 175

Dimensions (W x H) 1530 x 600

Grating: Without

Design: Fixed Panel

Accessories

Item Number	Description	Weight
.	ATEX-compliant flaps	
.	Flexible connector, ATEX	
	1 hand gun for film cartridge included	
	Item number 2097001FK-Hand gun 70738	

